

Zlp-zlp interaction in different *E. coli* cya strains

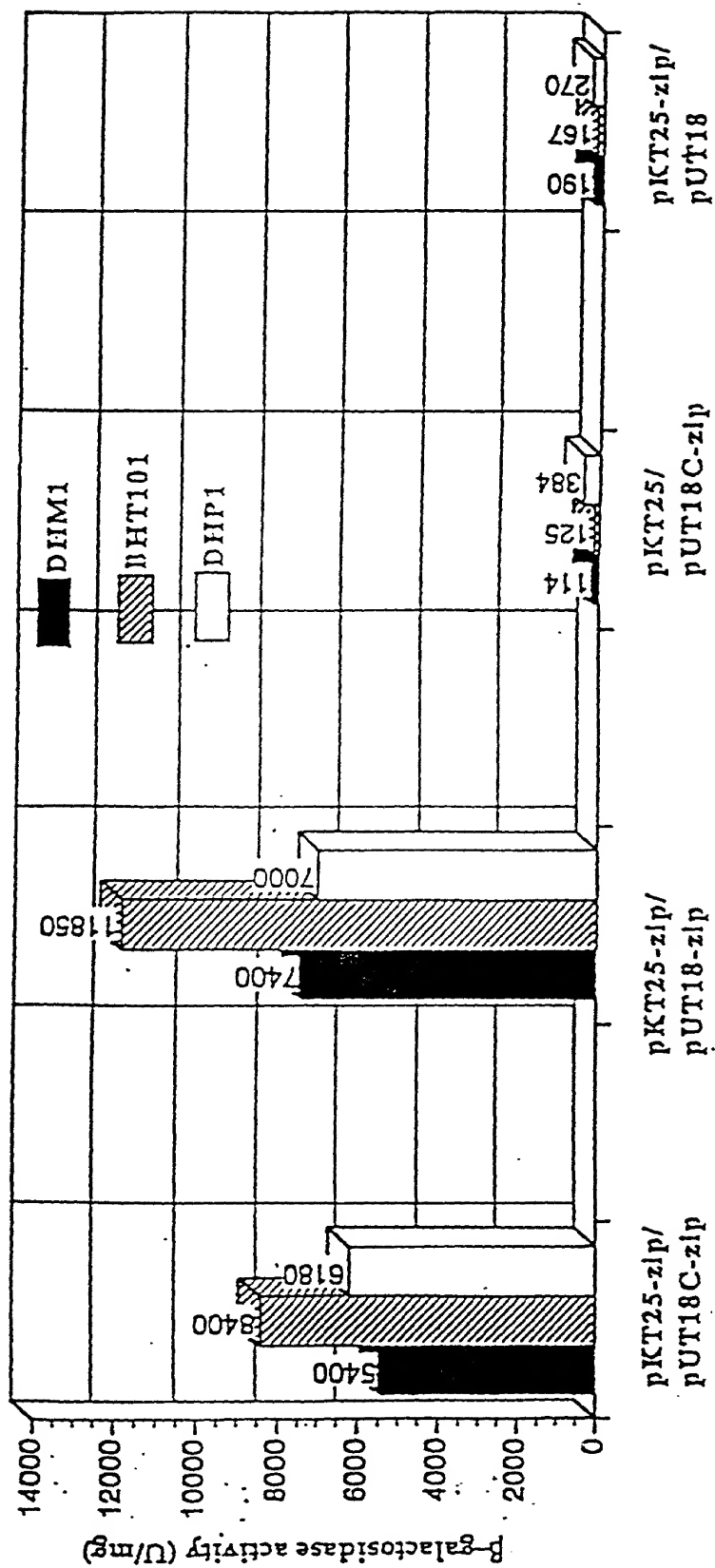
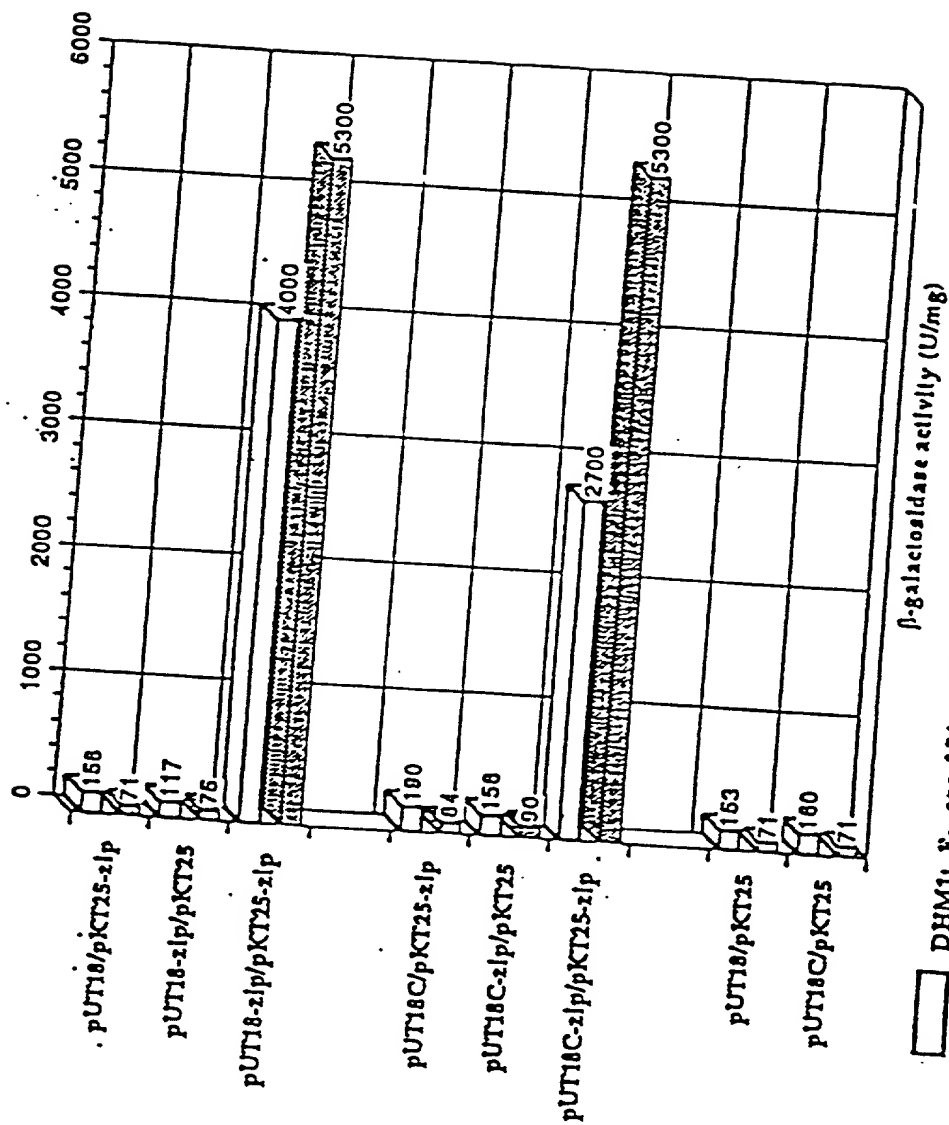


FIG. 1



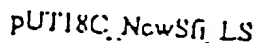
DHM11: *F<sup>-</sup>, cyn-854, recA1, hsdR17, endA1, gyrA96, thi1, spoT1, rfbD1, zlnY44(AS)*  
 DTH101: *F<sup>-</sup>, cyn-99, hsdR3, araD139, galE15, galK16, rpsL1, merA1, merD1*

FIG. 2

pUT18C NewSfi

Origin: pl 118C derived

18 HindIII  
20 BspI  
38 XcmI  
54 NruI  
84 BboI  
94 KmsI  
94 NarI  
94 SfoI  
164 DclI  
224 BssHII  
232 Tth111  
307 AopI  
354 MscI  
379 BbsI  
468 BstBI  
569 Mlu113I  
569 SacII  
571 NotI  
579 SpsI  
507 BamHI  
593 PucI  
601 PstI  
616 ApeI  
616 Hsp120I  
622 Acc65I  
622 KpnI  
628 Ecl136II  
628 SacI  
634 AopI  
634 EcuRI  
640 ClaI



3060 base pairs  
Unique Sites

Oli720

CGCCGGATGTACTGGAAACGGT GCCGGCGTCACCCGGATTGCGGCGGCCGTCGCTGGGCGCAGT

GGAACGCCA C tgc. aAG SfiI GCC GCA GGG GCC NotI SpeI BamHI  
GCG GCC GCA CTA GTG GGG ATC CTT

$\frac{\text{PacI}}{\text{AAT } \boxed{\text{TAA}}}$ 
 $\frac{\text{PstI}}{\text{CTG CAG}}$ 
 $\frac{\text{SfiI}}{\text{GGG CCA CTG GGG CCC}}$ 
 $\frac{\text{KpnI}}{\text{GGT ACC}}$ 
 $\frac{\text{SacI}}{\text{GAG CTC}}$ 
 $\frac{\text{EcoRI}}{\text{GAA TTC}}$ 
 $\frac{\text{ClaI}}{\text{ATC}}$

GAT ATAAC **STOP** **STOP** taalalgglgcactctcagta **AATCTGCTCTGATGCCGCAT** agt

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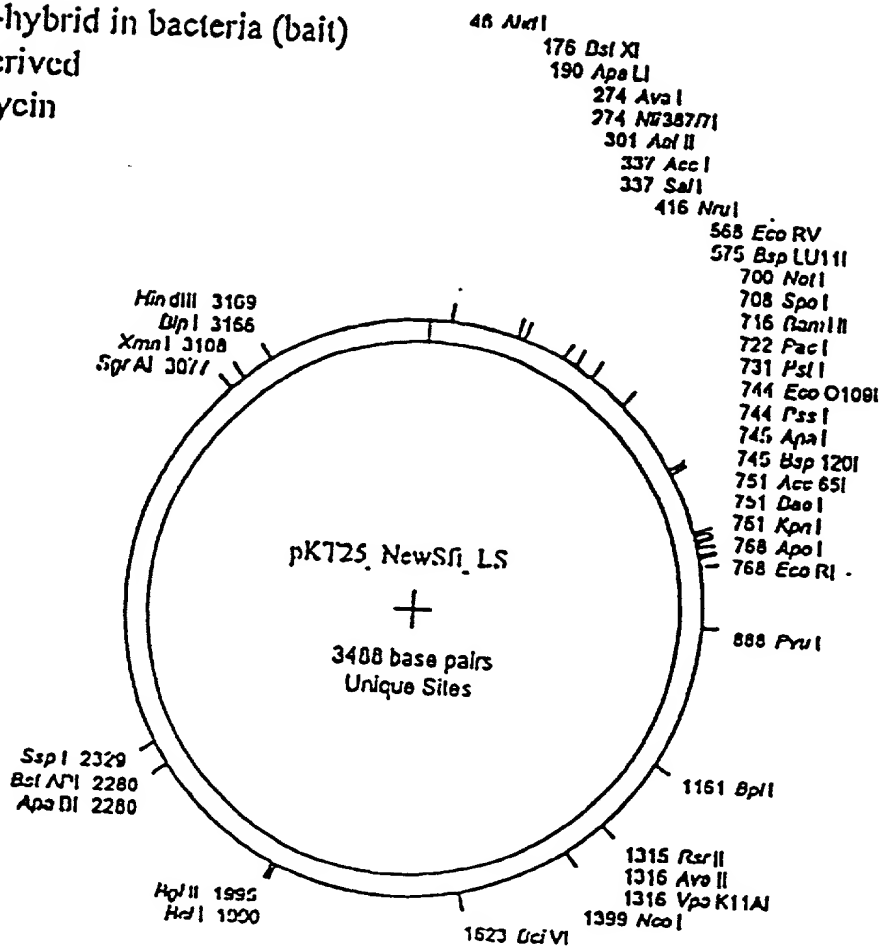
FIG. 3

# pKT25 NewSfi

Application: two-hybrid in bacteria (bait)

Origin: pKT25 derived

Selection: kanamycin



ACGGCGGA1A1CGACA1 **Oli926** gttcgccattatgccgcatt GTCCAAC **Oli718** tccgcgactcggcgcgag

TTCGGTGACCAGCGGCGA1TCGGTGACCGA1TACCTGGCGCGCACGGCGGGGGctgca

SfiI NotI SpeI BamIII PacI  
aGg gcc gca ggg gcc gcg gcc gca cta gtg ggg atc ctt aat taa gct

PstI SfiI KpnI **STOP** EcoRI  
gca ggg cca ctg ggg ccc ggt acc TAA GTAAG caag gaattcactggccgctggtttt  
Apal **STOP** **STOP**

acaacgltcgtgactgg **Oli927** GAAAACCCTGGCGTTACCCA actt **Oli719** AATCGCCTTGCAGCACATCC cc

FIG.4